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5649-1162
May 25, 2004Commissioner for Patents
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Alexandria, VA 22313-1450Sir: Kindly acknowledge receipt of the accompanying by placing your
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5649-1162
May 25, 2004IDS and PTC
Docket No. 5
Title: SEMIC
INSULATOR
BARRIER P.
OF FORMINCommissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450Sir: Kindly acknowledge receipt of the accompanying by placing your
receiving date stamp hereon and mailing:

IDS and PTO 1449 w/ 1 reference, Return Postcard;
Docket No. 5649-1162; In re: Lee et al.; Appl. No. 10/650,344; Filed 08-28-03;
Title: SEMICONDUCTOR DEVICES HAVING CAPACITORS OF METAL-
INSULATOR-METAL STRUCTURE WITH COEXTENSIVE OXIDATION
BARRIER PATTERN AND LOWER ELECTRODE BOTTOM AND METHODS
OF FORMING THE SAME.

Respectfully submitted,
MYERS BIGEL SIBLEY & SAJOVEC

Attorney Docket No. 5649-1162

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Sung-Yung Lee, et al.

Application Serial No.: 10/650,344

Filed: August 28, 2003

For: SEMICONDUCTOR DEVICES HAVING CAPACITORS OF METAL-
INSULATOR-METAL STRUCTURE WITH COEXTENSIVE OXIDATION
BARRIER PATTERN AND LOWER ELECTRODE BOTTOM AND METHODS
OF FORMING THE SAME

Confirmation No.: 6659

Group Art Unit: 2826

Examiner: Unknown

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INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)

Sir:

Attached is a form PTO-1449, together with a copy of a Korean document. An English language Abstract of this document is also provided as a concise statement of the document. It is requested that this document be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b) before the mailing of a first Office Action on the merits. Therefore, no fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,



Julie H. Richardson

Registration No. 40,142

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 25, 2004.


Rosa Lee Brinson

Substitute form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/650,344
				Filing Date	August 28, 2003
				First Named Inventor	Sung-Yung Lee
				Group Art Unit	2826
				Examiner Name	
Sheet	1A	of	1A	Attorney Docket Number	5649-1162

U.S. PATENTS AND PATENT PUBLICATIONS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			
	1.		2002-0002599		Korean Application No. 10-2000-0036823; English Abstract	01-10-2002	

OTHER NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.